Welcome

Welcome to the Ed-Fi Technical Documentation home page. This site provides links to documentation and technical information for the Ed-Fi Data Standard and the Ed-Fi Technical Suite as well as information and resources for the Ed-Fi Tech Community.

Latest Releases

On behalf of the Ed-Fi community, we are pleased to announce the following releases:

- **February 2021**
  - Docker Deployment v1.1.0 (for ODS / API v5.1.0 & Admin App v2.1.0)
  - Admin App v2.1.0
  - Migration Utility v2.10 (supports upgrade up to ODS / API v5.1.0)
- **January 2021**
  - Teacher Preparation Data Model v1.0.0
- **Q4 2020**
  - Docker Deployment v1.0.0 (for ODS / API v5.1.0)
  - ODS / API for Suite 3 v5.1.0, MetaEd v2.4.0
  - Data Import v1.1.0
  - Ed-Fi Starter Kits
  - Analytics Middle Tier v2.2.0

Ed-Fi Data Standard

The Ed-Fi Data Standard is the widely adopted, CEDS-aligned, open-source data standard developed by the educational community for the betterment of the community. The Ed-Fi Data Standard serves as the foundation for enabling interoperability among secure data systems and contains a Unifying Data Model designed to capture the meaning and inherent structure in the most important information in the K–12 education enterprise.

Current Versions (v2.2, v3.1) | Latest Version (v3.2) | All Versions

Ed-Fi Implementation Suite

Ed-Fi ODS / API Platform

The Ed-Fi Operational Data Store (ODS) provides a secure, transactional information store that integrates data from multiple source systems and applications. The Ed-Fi ODS API accompanies the Ed-Fi Operational Data Store and provides a developer-friendly interface to create, read, and update information stored in an Ed-Fi powered ODS.

Current Versions (v2.6, v5.1.0) | Latest Version (v5.1.0) | All Versions

Ed-Fi Tools

Ed-Fi Tools aid developers implementing the technical components of the Suite.

Data Standard & General Tools

- **MetaEd IDE** is a tool that supports implementers who are extending Ed-Fi technology.
- **MappingEDU** is an online system that supports business analysts and other users map one data standard to another.
- **The Sample Data Generator** creates realistic, Ed-Fi-aligned sample datasets suitable for testing and training

ODS / API Applications & Tools

- **Analytics Middle Tier** (AMT) is a collection of SQL views that enable data analysts to better understand and access data in an Ed-Fi ODS / API while building reports and analytics.
- **Admin App** is a web-based administrative interface for the Ed-Fi ODS / API.
- **Data Import** is a tool to map and import data from CSV files to an Ed-Fi ODS / API.
- **Learning Standards Sync Utility** is a tool for system administrators for synchronizing learning standards between the AB Connect API and a specified Ed-Fi ODS / API instance.

Recent Contributions to the Ed-Fi Exchange

- HL7-Immunizations-API
- Ed-Fi Assessment API Bridge
- Ed-Fi Data Checker
- How To: Setup an Octopus Deploy of the Ed-Fi ODS/API - Suite 3
- How To: Create a TeamCity Build for the Ed-Fi ODS/API - Suite 3
- Chronic Absenteeism Quick Start (Metabase)
- How To: Run Ed-Fi on Google Cloud Run
- Project Buzz
- Attendance Dashboard for Principals
- Ed-Fi Clever Integration
- Ed-Fi Sample Data Time Travel Script
- Student Engagement Tracking
Deployment and Upgrade Tools

- **Docker Deployment** scripts install and configure components of the Ed-Fi ODS / API on Docker containers.
- **Tech Suite Installer** installs and configures components of the Ed-Fi Technical Suite.
- **Migration Utility** is a command-line tool built to upgrade the schema of an ODS instance up to the latest version, along with data migration.

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**Ed-Fi Dashboards**

Ed-Fi Dashboards provide a starting point for developing student performance dashboards that puts real-time, actionable information at the fingertips of educators. It includes a user interface with metrics that educators identified as critical to improving student achievement.

Current Versions (v2.0.3, 3.0.1) | Latest Version (v3.0.1) | All Versions